



## Categorical Exclusion Form

**Project:** Installation of Electric Vehicle Charging Station

**PEPC Project Number:** 54430

**Project Description:**

The National Park Service (NPS) is working to deploy alternative fuel vehicles (AFVs), advanced technology vehicles, idle reduction and fuel economy measures in NPS units throughout the country. Deployment of these systems and equipment will reduce noise and air pollution, and dependence on imported petroleum. In addition, these activities will improve the visitor experience. The Clean Cities National Parks Initiative (CCNPI) has been developed to demonstrate how Clean Cities portfolio technologies help complement the mission of the NPS, which is to promote the use and enjoyment of the national parks while preserving natural and historic resources.

Through the CCNPI, the Department of Energy's (DOE) Clean Cities program will provide funding, technical expertise, project identification and development assistance, and increase visibility and public awareness of these efforts.

This project will install three electric vehicle charging stations in the National Mall and Memorial Parks. One dual charging station will be installed at the headquarters parking lot at 900 Ohio Drive for use by NAMA fleet vehicles. Two additional single cable charging stations will be installed for public use on Madison Drive across from the National Museum of American History and on Jefferson Drive across from the National Air and Space Museum.

**Project Locations:**

**Location**

**County:** District of Columbia

**State:** DC

**District:**

**Section:**

**Geo. Marker:**

**Other:**

**Mitigation(s):**

- No mitigations identified.

**Describe the category used to exclude action from further NEPA analysis and indicate the number of the category (see Section 3-4 of DO-12):**

C.5 Installation of signs, displays, kiosks, etc.

**Explanation:**

On the basis of the environmental impact information in the statutory compliance file, with which I am familiar, I am categorically excluding the described project from further NEPA analysis. No exceptional circumstances (e.g. all boxes in the ESF are marked "no") or conditions in Section 3-6 apply, and the action is fully described in Section 3-4 of DO-12.

acting

Superintendent:



Date:

1/30/2015

NPS Contact:

Date:



## ENVIRONMENTAL SCREENING FORM (ESF)

### DO-12 APPENDIX 1

Date Form Initiated: 09/05/2014

Updated May 2007 - per 2004 Departmental Manual revisions and proposed Director's Order 12 changes

#### A. PROJECT INFORMATION

Park Name: National Mall & Memorial Parks  
Project Title: Installation of Electric Vehicle Charging Station  
PEPC Project Number: 54430  
PMIS Number:  
Project Type: Capital Improvement/New Construction (CI)  
Project Location:  
County, State: District of Columbia, District of Columbia  
Project Leader: Michael Alvino  
Administrative Record Location:  
Administrative Record Contact:  
Notes:

#### B. PROJECT DESCRIPTION

The National Park Service (NPS) is working to deploy alternative fuel vehicles (AFVs), advanced technology vehicles, idle reduction and fuel economy measures in NPS units throughout the country. Deployment of these systems and equipment will reduce noise and air pollution, and dependence on imported petroleum. In addition, these activities will improve the visitor experience. The Clean Cities National Parks Initiative (CCNPI) has been developed to demonstrate how Clean Cities portfolio technologies help complement the mission of the NPS, which is to promote the use and enjoyment of the national parks while preserving natural and historic resources.

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This project will install three electric vehicle charging stations in the National Mall and Memorial Parks. One dual charging station will be installed at the headquarters parking lot at 900 Ohio Drive for use by NAMA fleet vehicles. Two additional single cable charging stations will be installed for public use on Madison Drive across from the National Museum of American History and on Jefferson Drive across from the National Air and Space Museum.

Target compliance completion date: 10/11/2014

Projected advertisement/Day labor start:

Construction start date:

Is project a hot topic (controversial or sensitive issues that should be brought to attention of Regional Director)? No

**C. RESOURCE EFFECTS TO CONSIDER:**

Identify potential effects to the following physical, natural, or cultural resources	No Effect	Negligible Effects	Minor Effects	Exceeds Minor Effects	Data Needed to Determine/Notes
1. Geologic resources – soils, bedrock, streambeds, etc.	No				
2. From geohazards	No				
3. Air quality		Negligible			This project will benefit local air quality by encouraging the use of electric, zero-emission vehicles in the vicinity of the National Mall
4. Soundscapes	No				
5. Water quality or quantity	No				
6. Streamflow characteristics	No				
7. Marine or estuarine resources	No				
8. Floodplains or wetlands	No				
9. Land use, including occupancy, income, values, ownership, type of use	No				
10. Rare or unusual vegetation – old growth timber, riparian, alpine	No				
11. Species of special concern (plant or animal; state or federal)	No				

listed or proposed for listing) or their habitat					
12. Unique ecosystems, biosphere reserves, World Heritage Sites	No				
13. Unique or important wildlife or wildlife habitat	No				
14. Unique or important fish or fish habitat	No				
15. Introduce or promote non-native species (plant or animal)	No				
16. Recreation resources, including supply, demand, visitation, activities, etc.	No				
17. Visitor experience, aesthetic resources		Negligible			The electric charging stations will be visible, placed adjacent to the curb. The stations will allow visitors to the mall with electric vehicles to charge while they visit.
18. Archeological resources	No				
19. Prehistoric/historic structure	No				
20. Cultural landscapes		Negligible			The electric charging station will be similar in profile to the planned parking meters at this location.
21. Ethnographic resources	No				
22. Museum collections (objects, specimens, and archival and manuscript	No				

collections)					
23. Socioeconomics, including employment, occupation, income changes, tax base, infrastructure	No				
24. Minority and low income populations, ethnography, size, migration patterns, etc.	No				
25. Energy resources			Minor		The electric vehicle charging stations will provide electricity to members of the public for private electric vehicles. Cost of electricity will be offset by donations or parking meter fees.
26. Other agency or tribal land use plans or policies	No				
27. Resource, including energy, conservation potential, sustainability		Negligible			The charging stations will offer an alternative to gas powered vehicles.
28. Urban quality, gateway communities, etc.	No				
29. Long-term management of resources or land/resource productivity	No				
30. Other important environment resources (e.g. geothermal, paleontological resources)?	No				

#### D. MANDATORY CRITERIA

Mandatory Criteria: If implemented, would the proposal:	Yes	No	N/A	Comment or Data Needed to Determine
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A. Have significant impacts on public health or safety?		N		
B. Have significant impacts on such natural resources and unique geographic characteristics as historic or cultural resources; park, recreation, or refuge lands; wilderness areas; wild or scenic rivers; national natural landmarks; sole or principal drinking water aquifers; prime farmlands; wetlands (Executive Order 11990); floodplains (Executive Order 11988); national monuments; migratory birds; and other ecologically significant or critical areas?		N		
C. Have highly controversial environmental effects or involve unresolved conflicts concerning alternative uses of available resources (NEPA section 102(2)(E))?		N		
D. Have highly uncertain and potentially significant environmental effects or involve unique or unknown environmental risks?		N		
E. Establish a precedent for future action or represent a decision in principle about future actions with potentially significant environmental effects?		N		
F. Have a direct relationship to other actions with individually insignificant, but cumulatively significant, environmental effects?		N		
G. Have significant impacts on properties listed or eligible for listing on the National Register of Historic Places, as determined by either the bureau or office?		N		
H. Have significant impacts on species listed or proposed to be listed on the List of Endangered or Threatened Species, or have significant impacts on designated Critical Habitat for these species?		N		
I. Violate a federal law, or a state, local, or tribal law or requirement imposed for the protection of the environment?		N		

J. Have a disproportionately high and adverse effect on low income or minority populations (Executive Order 12898)?		N		
K. Limit access to and ceremonial use of Indian sacred sites on federal lands by Indian religious practitioners or significantly adversely affect the physical integrity of such sacred sites (Executive Order 13007)?		N		
L. Contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area or actions that may promote the introduction, growth, or expansion of the range of such species (Federal Noxious Weed Control Act and Executive Order 13112)?		N		

For the purpose of interpreting these procedures within the NPS, any action that has the potential to violate the NPS Organic Act by impairing park resources or values would constitute an action that triggers the DOI exception for actions that threaten to violate a federal law for protection of the environment.

#### E. OTHER INFORMATION

1. Are personnel preparing this form familiar with the site? Yes
  - 1.A. Did personnel conduct a site visit? No
2. Is the project in an approved plan such as a General Management Plan or an Implementation Plan with an accompanying NEPA document? No
3. Are there any interested or affected agencies or parties? No
4. Has consultation with all affected agencies or tribes been completed? N/A
5. Are there any connected, cumulative, or similar actions as part of the proposed action? *(e.g., other development projects in area or identified in GMP, adequate/available utilities to accomplish project)* Yes

#### F. INSTRUCTIONS FOR DETERMINING APPROPRIATE NEPA PATHWAY

First, always check DO-12, section 3.2, "Process to Follow" in determining whether the action is categorically excluded from additional NEPA analyses. Other sections within DO-12, including sections 2.9 and 2.10; 3.5; 4.5(G)(4) and (G)(5), and 5.4(F), should also be consulted in determining the appropriate NEPA pathway. Complete the following tasks: conduct a site visit or ensure that staff is familiar with the site's specifics; consult with affected agencies, and/or tribes; and interested public and complete this environmental screening form.

If your action is described in DO-12 section 3.3, "CEs for Which No Formal Documentation is Necessary," follow the instructions indicated in that section.



If your action is not described in DO-12, section 3.3, and IS described in section 3.4, AND you checked YES or identified "data needed to determine" impacts in any block in section D (Mandatory Criteria), this is an indication that there is potential for significant impacts to the human environment, therefore, you must prepare an EA or EIS or supply missing information to determine context, duration, and intensity of impacts.

If your action is described in section 3.4 and NO is checked for all boxes in section D (Mandatory Criteria), AND there are either no effects or all of the potential effects identified in section C (Resource Effects to Consider) are no more than minor intensity, usually there is no potential for significant impacts and an EA or EIS is not required. If, however, during internal scoping and further investigation, resource effects still remain unknown, or are at the minor to moderate level of intensity, and the potential for significant impacts may be likely, an EA or EIS is required.

In all cases, data collected to determine the appropriate NEPA pathway must be included in the administrative record.

#### G. INTERDISCIPLINARY TEAM SIGNATORIES

*All interdisciplinary team members sign as directed or deemed necessary by the Superintendent. By signing this form, you affirm the following: you have either completed a site visit or are familiar with the specifics of the site; you have consulted with affected agencies and tribes; and you, to the best of your knowledge, have answered the questions posed in the checklist correctly.*

#### H. SUPERVISORY SIGNATORY

##### Field of Expertise

Project Leader

Michael Alvino

##### Field of Expertise

106 Coordinator

Cultural Resource Specialist

NHPA Specialist

Historical Landscape Architect

NEPA Specialist

##### Technical Specialist

Craig Chenevert

Michael Commisso

Catherine Dewey

Maureen Joseph

Mary Willeford Bair

*Based on the environmental impact information contained in the statutory compliance file and in this environmental screening form, environmental documentation for this stage of the subject project is complete.*

Recommended:

##### Compliance Specialist:

##### NEPA

Mary Willeford  
Bair

Mary Willeford Bair

Date: 1/29/15

##### NHPA

Catherine Dewey

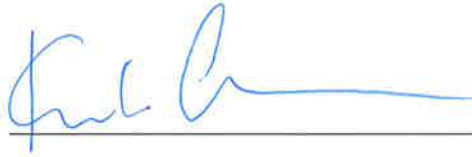
Catherine C. Dewey

Date: 1/28/15

Approved:

active

Superintendent:



Date:

1/30/2015



# ASSESSMENT OF ACTIONS HAVING AN EFFECT ON HISTORIC PROPERTIES

## A. DESCRIPTION OF UNDERTAKING

1. **Park:** National Mall & Memorial Parks

2. **Project Description:**

**Project Name:** Installation of Electric Vehicle Charging Station

**Prepared by:** Michael Alvino    **Date Prepared:** 09/04/2014    **Telephone:** 202-245-4490

**PEPC Project Number:** 54430

**Locations:**

**Describe project:**

The National Park Service (NPS) is working to deploy alternative fuel vehicles (AFVs), advanced technology vehicles, idle reduction and fuel economy measures in NPS units throughout the country. Deployment of these systems and equipment will reduce noise and air pollution, and dependence on imported petroleum. In addition, these activities will improve the visitor experience. The Clean Cities National Parks Initiative (CCNPI) has been developed to demonstrate how Clean Cities portfolio technologies help complement the mission of the NPS, which is to promote the use and enjoyment of the national parks while preserving natural and historic resources.

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**Area of potential effects (as defined in 36 CFR 800.16[d])**

Jefferson Drive Madison Drive NAMA HQ

3. **Has the area of potential effects been surveyed to identify historic properties?**

☐ No  
☒ Yes

**Source or reference:** Cultural Landscape Inventory for the National Mall and National Register Nominations for East and West Potomac Parks Historic District (1973), the National Mall Historic District (1981), and the L'Enfant Plan of Washington, DC (1997).

**Historical Structures/Resources Notes:** U.S. Engineers' Storehouse

**Cultural Landscapes Notes:** National Mall- -CLI completed in 1998 (revised 2006) East and West Potomac Parks

**5. The proposed action will: (check as many as apply)**

- ☐ **No** Destroy, remove, or alter features/elements from a historic structure
- ☐ **No** Replace historic features/elements in kind
- ☐ **No** Add non-historic features/elements to a historic structure
- ☐ **No** Alter or remove features/elements of a historic setting or environment (inc. terrain)  
Add non-historic features/elements (inc. visual, audible, or atmospheric) to a historic setting or cultural landscape
- ☐ **Yes**
- ☐ **No** Disturb, destroy, or make archeological resources inaccessible
- ☐ **No** Disturb, destroy, or make ethnographic resources inaccessible
- ☐ **No** Potentially affect presently unidentified cultural resources
- ☐ **No** Begin or contribute to deterioration of historic features, terrain, setting, landscape elements, or archeological or ethnographic resources
- ☐ **No** Involve a real property transaction (exchange, sale, or lease of land or structures)
- ☐ **Other (please specify):** \_\_\_\_\_

**6. Supporting Study Data:**

(Attach if feasible; if action is in a plan, EA or EIS, give name and project or page number.)

**B. REVIEWS BY CULTURAL RESOURCE SPECIALISTS**

The park 106 coordinator requested review by the park's cultural resource specialist/advisors as indicated by check-off boxes or as follows:

**[ X ] Historical Landscape Architect**

**Name:** Michael Comisso

**Date:** 10/10/2014

**Comments:** Maureen Joseph, Regional Landscape Architect, and I concur with the park's determination that the project titled "Installation of Electric Charging Stations" at National Mall and Memorial Parks will have a no adverse effect and qualifies for a standard 4-step process.

**Check if project does not involve ground disturbance [ ]**

**Assessment of Effect:** ☐ **No Potential to Cause Effect** ☐ **No Historic Properties**

**Affected** ☒ **No Adverse Effect** ☐ **Adverse Effect** ☐ **Streamlined Review**

**Recommendations for conditions or stipulations:** Additional efforts should be taken to minimize visual clutter by reducing the numbers of stations needed for each location. Additionally, the proposed undertaking is reversible and the charging stations can be removed at anytime without adversely impacting historic resources.

**Doc Method:** Standard 4-Step Process

Assessment of Effect Form - Installation of Electric Vehicle Charging Station - PEPC ID: 54430

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**No Reviews From:** Curator, Archeologist, Historical Architect, Historian, 106 Advisor, Other Advisor, Anthropologist

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## C. PARK SECTION 106 COORDINATOR'S REVIEW AND RECOMMENDATIONS

### 1. Assessment of Effect:

☐ No Potential to Cause Effects  
☐ No Historic Properties Affected  
☒ No Adverse Effect  
☐ Adverse Effect

### 2. Documentation Method:

☒ A. STANDARD 36 CFR PART 800 CONSULTATION  
Further consultation under 36 CFR Part 800 is needed.

☐ B. STREAMLINED REVIEW UNDER THE 2008 SERVICEWIDE PROGRAMMATIC AGREEMENT (PA)

The above action meets all conditions for a streamlined review under section III of the 2008 Servicewide PA for Section 106 compliance.

APPLICABLE STREAMLINED REVIEW Criteria  
(Specify 1-16 of the list of streamlined review criteria.)

☐ C. PLAN-RELATED UNDERTAKING

Consultation and review of the proposed undertaking were completed in the context of a plan review process, in accordance with the 2008 Servicewide PA and 36 CFR Part 800.  
Specify plan/EA/EIS:

☐ D. UNDERTAKING RELATED TO ANOTHER AGREEMENT

The proposed undertaking is covered for Section 106 purposes under another document such as a statewide agreement established in accord with 36 CFR 800.7 or counterpart regulations.

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☐ E. COMBINED NEPA/NHPA Document

Documentation is required for the preparation of an EA/FONSI or an EIS/ROD has been developed and used so as also to meet the requirements of 36 CFR 800.3 through 800.6

☐ G. Memo to SHPO/THPO

☐ H. Memo to ACHP

SHPO/THPO Notes:

3. Additional Consulting Parties Information:

Additional Consulting Parties: No

4. Stipulations and Conditions:

Following are listed any stipulations or conditions necessary to ensure that the assessment of effect above is consistent with 36 CFR Part 800 criteria of effect or to avoid or reduce potential adverse effects.

5. Mitigations/Treatment Measures:

Measures to prevent or minimize loss or impairment of historic/prehistoric properties:  
(Remember that setting, location, and use may be relevant.)

No Assessment of Effect mitigations identified.

D. RECOMMENDED BY PARK SECTION 106 COORDINATOR:

Compliance Specialist:

NHPA Specialist

Catherine Dewey

Catherine C. Dewey

Date: 1/28/15

E. SUPERINTENDENT'S APPROVAL

The proposed work conforms to the NPS *Management Policies* and *Cultural Resource Management Guideline*, and I have reviewed and approve the recommendations, stipulations, or conditions noted in Section C of this form.

Signature

acting  
Superintendent:

[Signature]

Date: 1/30/2015